Application No: 08444790   Version No: 4.0

Input Set:

Output Set:

Started:	2011-10-04 16:07:32.102
Finished:	2011-10-04 16:07:33.945
Elapsed:	0 hr(s) 0 min(s) 1 sec(s) 843 ms
Total Warnings:	22
Total Errors:	0
No. of SeqIDs Defined:	26
Actual SeqID Count:	26

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)
W 213	Artificial or Unknown found in <213> in SEQ ID (21)
W 213	Artificial or Unknown found in <213> in SEQ ID (22)
W 213	Artificial or Unknown found in <213> in SEQ ID (23)
W 213	Artificial or Unknown found in <213> in SEQ ID (24)

Input Set:

Output Set:

Started:	2011-10-04 16:07:32.102
Finished:	2011-10-04 16:07:33.945
Elapsed:	0 hr(s) 0 min(s) 1 sec(s) 843 ms
Total Warnings:	22
Total Errors:	0
No. of SeqIDs Defined:	26
Actual SeqID Count:	26

Error code	Error Description
	This error has occured more than 20 times, will not be displayed

<110>   Brockhaus, et al.

<120>   Human TNF Receptor

<130>   01017/40451B

<140>   08444790
<141>   1995-05-19

<150>   CH-3319-89
<151>   1989-09-12

<160>   26

<170>   PatentIn version 3.5

<210>   1
<211>   2111
<212>   DNA
<213>   Homo sapiens

<400>   1
gaattcgggg gggttcaaga tcactgggac caggccgtga tctctatgcc cgagtctcaa   60

ccctcaactg tcaccccaag gcacttggga cgtcctggac agaccgagtc ccgggaagcc   120

ccagcactgc cgctgccaca ctgccctgag cccaaatggg ggagtgagag gccatagctg   180

tctggcatgg gcctctccac cgtgcctgac ctgctgctgc cgctggtgct cctggagctg   240

ttggtgggaa tatacccctc aggggttatt ggactggtcc ctcacctagg gacagggag   300

aagagagata gtgtgtgtcc ccaaggaaaa tatatccacc ctcaaaataa ttcgatttgc   360

tgtaccaagt gccacaaagg aacctacttg tacaatgact gtccaggccc ggggcaggat   420

acggactgca gggagtgtga gagcggctcc ttcaccgctt cagaaaacca cctcagacac   480

tgcctcagct gctccaaatg ccgaaaggaa atgggtcagg tggagatctc ttcttgcaca   540

gtggaccggg acaccgtgtg tggctgcagg aagaaccagt accggcatta ttggagtgaa   600

aaccttttcc agtgcttcaa ttgcagcctc tgcctcaatg gaccgtgca cctctcctgc   660

caggagaaac agaacaccgt gtgcacctgc catgcaggtt tctttctaag agaaaacgag   720

tgtgtctcct gtagtaactg taagaaaagc ctggagtgca cgaagttgtg cctaccccag   780

attgagaatg ttaagggcac tgaggactca ggcaccacag tgctgttgcc cctggtcatt   840

ttctttggtc tttgcctttt atccctcctc ttcattggtt taatgtatcg ctaccaacgg   900

tggaagtcca agctctactc cattgtttgt gggaaatcga cacctgaaaa agagggggag   960

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cttgaaggaa ctactactaa gccctggcc ccaaacccaa gcttcagtcc cactccaggc        1020

ttcacccca ccctgggctt cagtcccgtg cccagttcca ccttcacctc cagctccacc         1080

tatacccccg gtgactgtcc caactttgcg gctcccgca gagaggtggc accaccctat         1140

caggggctg acccatcct tgcgacagcc ctcgcctccg accccatccc caaccccctt         1200

cagaagtggg aggacagcgc ccacaagcca cagagcctag acactgatga ccccgcgacg         1260

ctgtacgccg tggtggagaa cgtgcccccg ttgcgctgga aggaattcgt gcggcgccta        1320

gggctgagcg accacgagat cgatcggctg gagctgcaga cgggcgctg cctgcgcgag         1380

gcgcaataca gcatgctggc gacctggagg cggcgcacgc cgcggcgcga ggccacgctg        1440

gagctgctgg acgcgtgct ccgcgacatg gacctgctgg gctgcctgga ggacatcgag         1500

gaggcgcttt gcggccccgc cgccctcccg cccgcgccca gtcttctcag atgaggctgc        1560

gcccctgcgg gcagctctaa ggaccgtcct gcgagatcgc cttccaccc cactttttc         1620

tggaaaggag gggtcctgca ggggcaagca ggagctagca gccgcctact tggtgctaac        1680

ccctcgatgt acatagcttt tctcagctgc ctgcgcgccg ccgacagtca gcgctgtgcg        1740

cgcggagaga ggtgcgccgt gggctcaaga gcctgagtgg gtggtttgcg aggatgaggg        1800

acgctatgcc tcatgcccgt tttgggtgtc ctcaccagca aggctgctcg ggggcccctg        1860

gttcgtccct gagcctttt cacagtgcat aagcagtttt ttttgttttt gttttgtttt        1920

gttttgtttt taaatcaatc atgttacact aatagaaact tggcactcct gtgccctctg        1980

cctggacaag cacatagcaa gctgaactgt cctaaggcag gggcgagcac ggaacaatgg        2040

ggccttcagc tggagctgtg gactttgta catacactaa aattctgaag ttaaaaaaaa        2100

aacccgaatt c                                                            2111


<210>   2
<211>   455
<212>   PRT
<213>   Homo sapiens

<400>   2

Met Gly Leu Ser Thr Val Pro Asp Leu Leu Leu Pro Leu Val Leu Leu
1               5                   10                  15



Glu Leu Leu Val Gly Ile Tyr Pro Ser Gly Val Ile Gly Leu Val Pro
            20                  25                  30



His Leu Gly Asp Arg Glu Lys Arg Asp Ser Val Cys Pro Gln Gly Lys
```

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Tyr Ile His Pro Gln Asn Asn Ser Ile Cys Cys Thr Lys Cys His Lys
    50                      55                      60


Gly Thr Tyr Leu Tyr Asn Asp Cys Pro Gly Pro Gly Gln Asp Thr Asp
65                      70                      75                      80


Cys Arg Glu Cys Glu Ser Gly Ser Phe Thr Ala Ser Glu Asn His Leu
                    85                      90                      95


Arg His Cys Leu Ser Cys Ser Lys Cys Arg Lys Glu Met Gly Gln Val
                100                     105                     110


Glu Ile Ser Ser Cys Thr Val Asp Arg Asp Thr Val Cys Gly Cys Arg
            115                     120                     125


Lys Asn Gln Tyr Arg His Tyr Trp Ser Glu Asn Leu Phe Gln Cys Phe
    130                     135                     140


Asn Cys Ser Leu Cys Leu Asn Gly Thr Val His Leu Ser Cys Gln Glu
145                     150                     155                     160


Lys Gln Asn Thr Val Cys Thr Cys His Ala Gly Phe Phe Leu Arg Glu
                165                     170                     175


Asn Glu Cys Val Ser Cys Ser Asn Cys Lys Lys Ser Leu Glu Cys Thr
                180                     185                     190


Lys Leu Cys Leu Pro Gln Ile Glu Asn Val Lys Gly Thr Glu Asp Ser
            195                     200                     205


Gly Thr Thr Val Leu Leu Pro Leu Val Ile Phe Phe Gly Leu Cys Leu
    210                     215                     220


Leu Ser Leu Leu Phe Ile Gly Leu Met Tyr Arg Tyr Gln Arg Trp Lys
225                     230                     235                     240


Ser Lys Leu Tyr Ser Ile Val Cys Gly Lys Ser Thr Pro Glu Lys Glu
                245                     250                     255


Gly Glu Leu Glu Gly Thr Thr Thr Lys Pro Leu Ala Pro Asn Pro Ser
            260                     265                     270
```

Phe Ser Pro Thr Pro Gly Phe Thr Pro Thr Leu Gly Phe Ser Pro Val
        275   280   285

Pro Ser Ser Thr Phe Thr Ser Ser Ser Thr Tyr Thr Pro Gly Asp Cys
        290   295   300

Pro Asn Phe Ala Ala Pro Arg Arg Glu Val Ala Pro Pro Tyr Gln Gly
305   310   315   320

Ala Asp Pro Ile Leu Ala Thr Ala Leu Ala Ser Asp Pro Ile Pro Asn
        325   330   335

Pro Leu Gln Lys Trp Glu Asp Ser Ala His Lys Pro Gln Ser Leu Asp
        340   345   350

Thr Asp Asp Pro Ala Thr Leu Tyr Ala Val Val Glu Asn Val Pro Pro
        355   360   365

Leu Arg Trp Lys Glu Phe Val Arg Arg Leu Gly Leu Ser Asp His Glu
        370   375   380

Ile Asp Arg Leu Glu Leu Gln Asn Gly Arg Cys Leu Arg Glu Ala Gln
385   390   395   400

Tyr Ser Met Leu Ala Thr Trp Arg Arg Arg Thr Pro Arg Arg Glu Ala
                405   410   415

Thr Leu Glu Leu Leu Gly Arg Val Leu Arg Asp Met Asp Leu Leu Gly
                420   425   430

Cys Leu Glu Asp Ile Glu Glu Ala Leu Cys Gly Pro Ala Ala Leu Pro
        435   440   445

Pro Ala Pro Ser Leu Leu Arg
    450   455

<210>   3
<211>   2339
<212>   DNA
<213>   Homo sapiens

<400>   3
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actcgggaac agaaccgcat ctgcacctgc aggcccggct ggtactgcgc gctgagcaag      180

caggaggggt gccggctgtg cgcgccgctg ccgaagtgcc gcccgggctt cggcgtggcc      240

agaccaggaa ctgaaacatc agacgtggtg tgcaagccct gtgccccggg gacgttctcc      300

aacacgactt catccacgga tatttgcagg ccccaccaga tctgtaacgt ggtggccatc      360

cctgggaatg caagcaggga tgcagtctgc acgtccacgt cccccacccg gagtatggcc      420

ccaggggcag tacacttacc ccagccagtg tccacacgat cccaacacac gcagccaagt      480

ccagaaccca gcactgctcc aagcacctcc ttcctgctcc caatgggccc cagcccccca      540

gctgaaggga gcactggcga cttcgctctt ccagttggac tgattgtggg tgtgacagcc      600

ttgggtctac taataatagg agtggtgaac tgtgtcatca tgacccaggt gaaaaagaag      660

cccttgtgcc tgcagagaga agccaaggtg cctcacttgc ctgccgataa ggcccggggt      720

acacagggcc ccgagcagca gcacctgctg atcacagcgc cgagctccag cagcagctcc      780

ctggagagct cggccagtgc gttggacaga agggcgccca tcggaaccag ccacaggca      840

ccaggcgtgg aggccagtgg ggccggggag gcccgggcca gcaccgggag ctcagcagat      900

tcttcccctg gtggccatgg gacccaggtc aatgtcacct gcatcgtgaa cgtctgtagc      960

agctctgacc acagctcaca gtgctcctcc caagccagct ccacaatggg agacacagat     1020

tccagcccct cggagtcccc gaaggacgag caggtcccct ctccaaggga ggaatgtgcc     1080

tttcggtcac agctggagac gccagagacc ctgctgggga gcaccgaaga gaagcccctg     1140

cccttggag tgcctgatgc tgggatgaag cccagttaac caggccggtg tgggctgtgt     1200

cgtagccaag gtggctgagc cctggcagga tgaccctgcg aagggggccct ggtccttcca     1260

ggccccacc actaggactc tgaggctctt tctgggccaa gttcctctag tgccctccac     1320

agccgcagcc tccctctgac ctgcaggcca agagcagagg cagcgagttg tggaaagcct     1380

ctgctgccat ggcgtgtccc tctcggaagg ctggctgggc atggacgttc ggggcatgct     1440

ggggcaagtc cctgagtctc tgtgacctgc cccgcccagc tgcacctgcc agcctggctt     1500

ctggagccct tgggtttttt gtttgtttgt ttgtttgttt gtttgtttct cccctgggc     1560

tctgcccagc tctggcttcc agaaaacccc agcatccttt tctgcagagg ggctttctgg     1620

agaggaggga tgctgcctga gtcacccatg aagacaggac agtgcttcag cctgaggctg     1680

agactgcggg atggtcctgg ggctctgtgc agggaggagg tggcagccct gtagggaacg     1740
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gggtccttca agttagctca ggaggcttgg aaagcatcac ctcaggccag gtgcagtggc      1800

tcacgcctat gatcccagca ctttgggagg ctgaggcggg tggatcacct gaggttagga      1860

gttcgagacc agcctggcca acatggtaaa accccatctc tactaaaaat acagaaatta      1920

gccgggcgtg gtggcgggca cctatagtcc cagctactca gaagcctgag gctgggaaat      1980

cgtttgaacc cgggaagcgg aggttgcagg gagccgagat cacgccactg cactccagcc      2040

tgggcgacag agcgagagtc tgtctcaaaa gaaaaaaaaa aagcaccgcc tccaaatgct      2100

aacttgtcct tttgtaccat ggtgtgaaag tcagatgccc agagggccca ggcaggccac      2160

catattcagt gctgtggcct gggcaagata acgcacttct aactagaaat ctgccaattt      2220

tttaaaaaag taagtaccac tcaggccaac aagccaacga caaagccaaa ctctgccagc      2280

cacatccaac cccccacctg ccatttgcac cctccgcctt cactccggtg tgcctgcag       2339



<210>   4
<211>   392
<212>   PRT
<213>   Homo sapiens

<400>   4

Ser Asp Thr Val Cys Asp Ser Cys Glu Asp Ser Thr Tyr Thr Gln Leu
1                   5                   10                  15


Trp Asn Trp Val Pro Glu Cys Leu Ser Cys Gly Ser Arg Cys Ser Ser
            20                  25                  30


Asp Gln Val Glu Thr Gln Ala Cys Thr Arg Glu Gln Asn Arg Ile Cys
        35                  40                  45


Thr Cys Arg Pro Gly Trp Tyr Cys Ala Leu Ser Lys Gln Glu Gly Cys
    50                  55                  60


Arg Leu Cys Ala Pro Leu Pro Lys Cys Arg Pro Gly Phe Gly Val Ala
65                  70                  75                  80


Arg Pro Gly Thr Glu Thr Ser Asp Val Val Cys Lys Pro Cys Ala Pro
                85                  90                  95


Gly Thr Phe Ser Asn Thr Thr Ser Ser Thr Asp Ile Cys Arg Pro His
            100                 105                 110


Gln Ile Cys Asn Val Val Ala Ile Pro Gly Asn Ala Ser Arg Asp Ala
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Val Cys Thr Ser Thr Ser Pro Thr Arg Ser Met Ala Pro Gly Ala Val
    130   135   140

His Leu Pro Gln Pro Val Ser Thr Arg Ser Gln His Thr Gln Pro Ser
145   150   155   160

Pro Glu Pro Ser Thr Ala Pro Ser Thr Ser Phe Leu Leu Pro Met Gly
              165   170   175

Pro Ser Pro Pro Ala Glu Gly Ser Thr Gly Asp Phe Ala Leu Pro Val
              180   185   190

Gly Leu Ile Val Gly Val Thr Ala Leu Gly Leu Leu Ile Ile Gly Val
         195   200   205

Val Asn Cys Val Ile Met Thr Gln Val Lys Lys Lys Pro Leu Cys Leu
    210   215   220

Gln Arg Glu Ala Lys Val Pro His Leu Pro Ala Asp Lys Ala Arg Gly
225   230   235   240

Thr Gln Gly Pro Glu Gln Gln His Leu Leu Ile Thr Ala Pro Ser Ser
              245   250   255

Ser Ser Ser Ser Leu Glu Ser Ser Ala Ser Ala Leu Asp Arg Arg Ala
              260   265   270

Pro Thr Arg Asn Gln Pro Gln Ala Pro Gly Val Glu Ala Ser Gly Ala
         275   280   285

Gly Glu Ala Arg Ala Ser Thr Gly Ser Ser Ala Asp Ser Ser Pro Gly
         290   295   300

Gly His Gly Thr Gln Val Asn Val Thr Cys Ile Val Asn Val Cys Ser
305   310   315   320

Ser Ser Asp His Ser Ser Gln Cys Ser Ser Gln Ala Ser Ser Thr Met
              325   330   335

Gly Asp Thr Asp Ser Ser Pro Ser Glu Ser Pro Lys Asp Glu Gln Val
         340   345   350

Pro Phe Ser Lys Glu Glu Cys Ala Phe Arg Ser Gln Leu Glu Thr Pro
        355   360   365

Glu Thr Leu Leu Gly Ser Thr Glu Glu Lys Pro Leu Pro Leu Gly Val
     370   375   380

Pro Asp Ala Gly Met Lys Pro Ser
385   390

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<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
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<222> (25)..(25)
<223> Xaa = unknown amino acid

<400> 5

Leu Val Pro His Leu Gly Asp Arg Glu Lys Arg Asp Ser Val Cys Pro
1   5   10   15

Gln Gly Lys Tyr Ile His Pro Gln Xaa Asn Ser Ile
            20   25

<210> 6
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 6

Ser Thr Pro Glu Lys Glu Gly Glu Leu Glu Gly Thr Thr Thr Lys
1   5   10   15

<210> 7
<211> 18
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 7

Ser Gln Leu Glu Thr Pro Glu Thr Leu Leu Gly Ser Thr Glu Glu Lys
1   5   10   15

Pro Leu

<210> 8
<211> 4
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 8

Val Phe Cys Thr
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<210> 9
<211> 16
<212> PRT
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<220>
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<400> 9

Asn Gln Pro Gln Ala Pro Gly Val Glu Ala Ser Gly Ala Gly Glu Ala
1   5   10   15

<210> 10
<211> 18
<212> PRT
<213> Artificial sequence

<220>
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<220>
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<223> Xaa = unknown amino acid

<400> 10

Leu Pro Ala Gln Val Ala Phe Xaa Pro Tyr Ala Pro Glu Pro Gly Ser
1   5   10   15

Thr Cys

<210> 11
<211> 13
<212> PRT
<213> Artificial sequence

<220>
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<220>
<221> misc_feature
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<223> Xaa = unknown amino acid

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<210> 12
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<220>
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<400> 12

Leu Cys Ala Pro
1

<210> 13
<211> 7
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<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 13

Val Pro His Leu Pro Ala Asp
1   5

<210> 14

<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
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<223> Xaa = unknown amino acid

<220>
<221> misc_feature
<222> (13)..(13)
<223> Xaa = unknown amino acid

<400> 14

Gly Ser Gln Gly Pro Glu Gln Gln Xaa Xaa Leu Ile Xaa Ala Pro
1   5   10   15

<210> 15
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 15

Leu Val Pro His Leu Gly Asp Arg Glu
1   5

<210> 16
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic primer

<400> 16
agggagaaga gagatagtgt gtgtccc   27

<210> 17
<211> 41
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic primer

<400> 17

aagcttggcc aggatccagc tgactgactg atcgcgagat c　　　　　　　　41

<210> 18
<211> 41
<212> DNA
<213> Artificial sequence

<220>
<223> Antisense primer

<400> 18

gatctcgcga tcagtcagtc agctggatcc tggccaagct t　　　　　　　　41

<210> 19
<211> 38
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic primer

<400> 19

cacagggatc catagctgtc tggcatgggc ctctccac　　　　　　　　38

<210> 20
<211> 44
<212> DNA
<213> Artificial sequence

<220>
<223> Antisense primer

<400> 20

cccggtacca gatctctatt atgtggtgcc tgagtcctca gtgc　　　　　　　　44

<210> 21
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic primer

<400> 21

gatccagaat tcataatag　　　　　　　　19

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